# 4CH / 8CH / 16CH
# IE Browser

## User Manual

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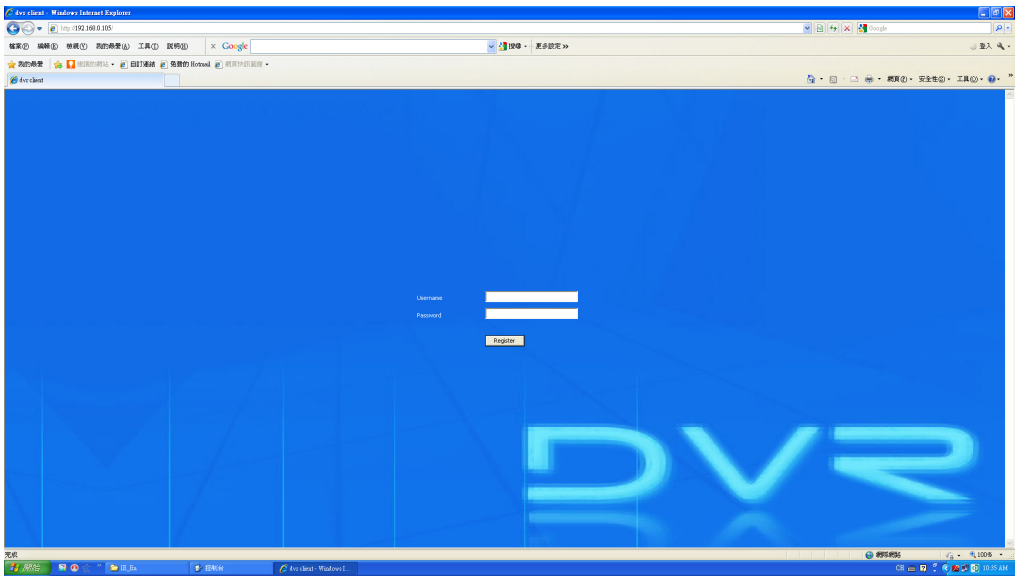
# 1. Network Login

## 1.1 Microsoft Internet Explorer (IE)

Open Microsoft Internet Explorer (IE) and input DVR's IP address. Following is the main login screen when IE connected to DVR.




- The default password of Admin account is 888888

## 1.2 IE Main Screen

Following is the DVR main window after login successfully.

- Display current DVR IP address/User on the top, and **Mute function** for audio from DVR current channel(green frame)
- Display current login user account name on the top
- Camera screen , it can display 4ch or 9ch or 16ch multi channels screen.

# 2. Function Toolbar

1.**Full**：Click this icon to put IE browser window to full screen and click again back to normal screen

**Note：**

when switch to full screen mode, the Toolbar will automatic re-arrange position upon monitor display ration 4:3 or 16:9

2.**Multi Screen**：Click follow icon can switch to different multi window mode.

**3.Next**：Click the icon to switch the channel
**4.Capture**：Click the icon to enter the camera
**5.Backup**：Click the icon to enter the backup function
**6.Playback**：Click the icon to enter the playback function
**7.Device**：Click the icon to setting function
**8.PTZ**：Click the icon to PTZ function
**9.Exit**：Click the icon to exit IE image

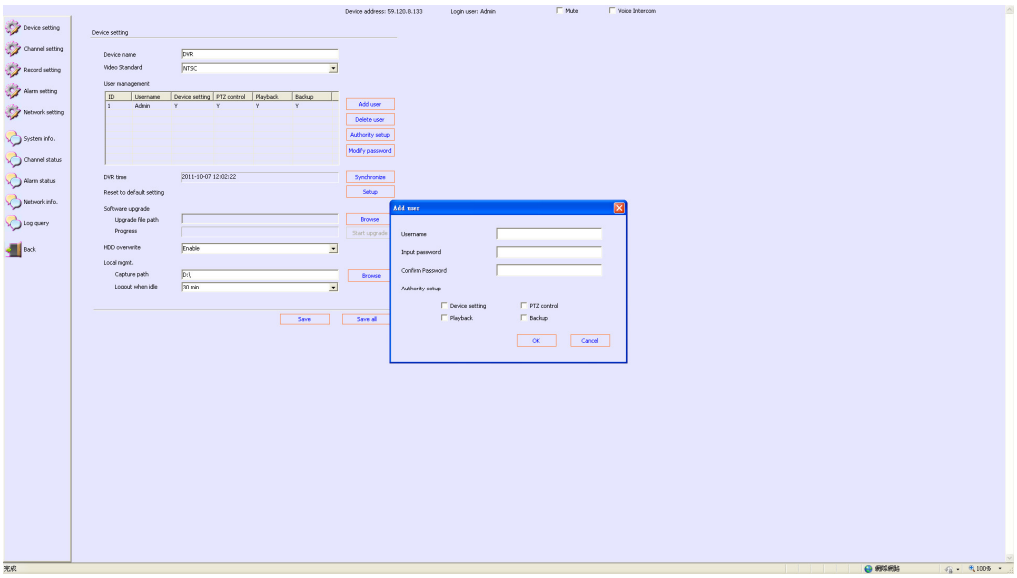
**10. Channel**：Channel selection

# 3. Function Setting

： Click this icon to open DVR setting window.

## 3.1 Device Setting

- **Device name & Video format**：
  Give this DVR a name and Video format(NTSC or PAL)
- **Add account**：
  Click to create new user account.
  - 『Add user』：Click this icon to open add user image：

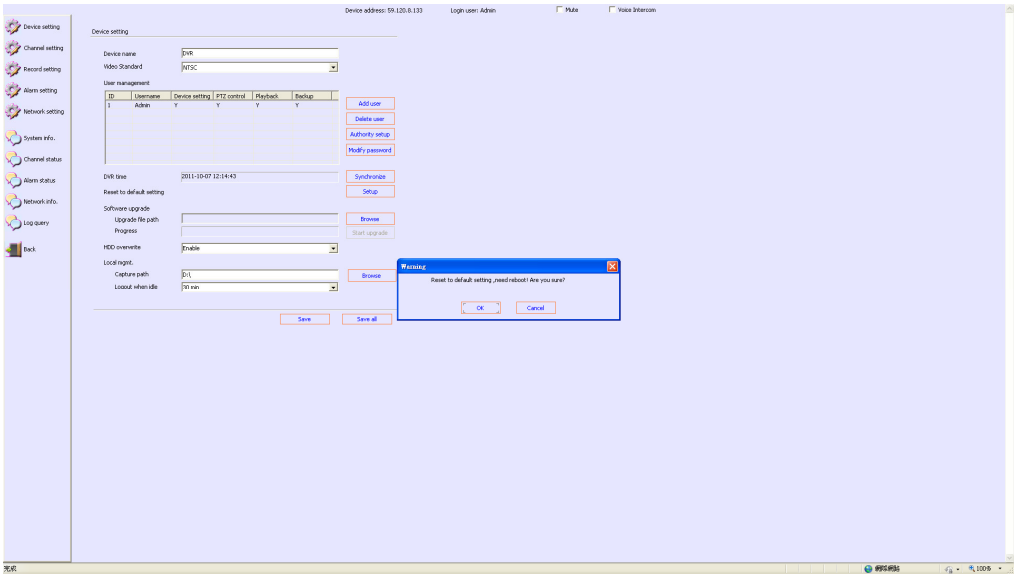


- ✧ User name：Input new user account name
- ✧ Input password：password
- ✧ Confirm password：confirm password again
- ✧ Authority setup：Click □ icon to enable or disable authority operation of certain user

**Note：**

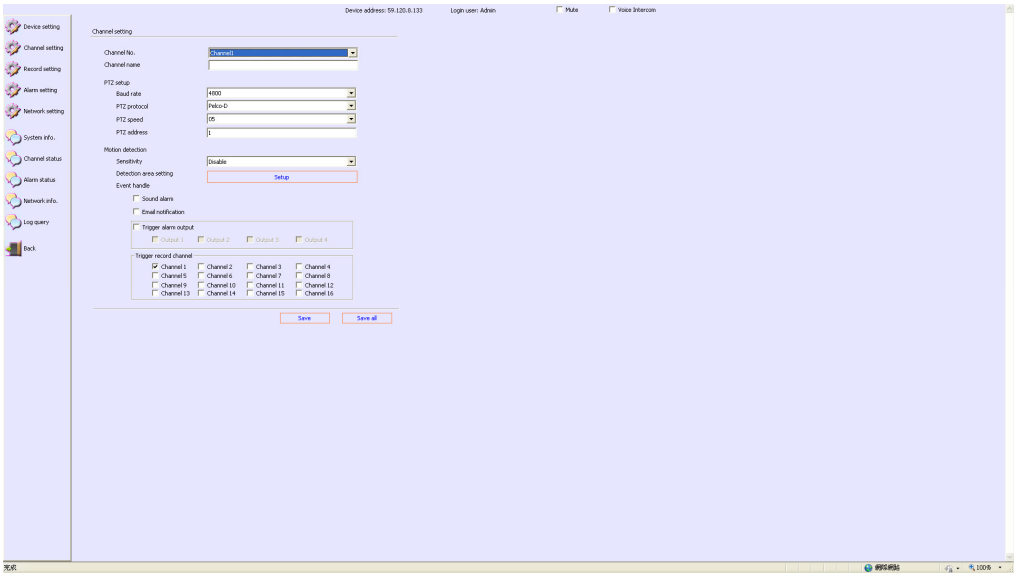
Only user account can modify its own password after create that user account and password by admin

- ■ 『**Delete account**』：Delete curtain user account
- ■ **DVR time**：Synchronize remote DVR system time with local PC time.
- ■ **Software Upgrade**：DVR firmware can upgrade via network. Click “BROWSE” to fine the firmware in PC, click “START UPGRADE” to upload new firmware to remote DVR. PROGRESS will show the upgrade status.
- ■ **Reset to default setting**：click『Setup』to open new image：

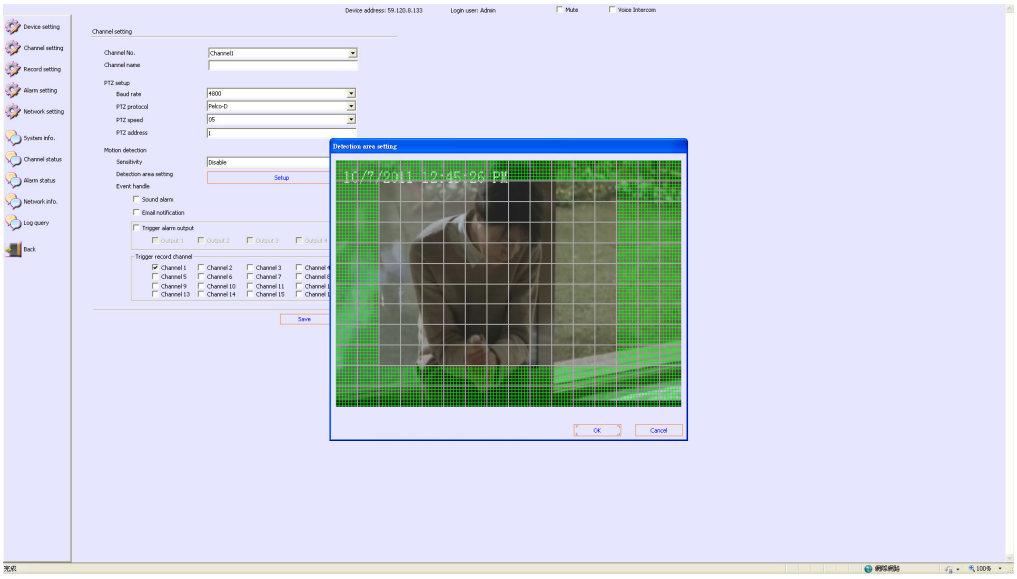



- ■ **HDD overwrite**：click the select the Enable or Disable
- ■ **Capture path**：set up the folder to save snap shot


## 3.2 Channel Setting



- **Channel No.**：Click ▼ icon to select channel number to apply setting.
- **Channel name**：Input name or description of camera
- **PTZ setup**：
  - ➢ Baud Rate：Click ▼ icon to select PTZ baud rate from 1200 /2400 /4800/9600bps
  - ➢ Protocol：Click ▼ icon to select PTZ protocol from 『SAMSUNG、PelcoD 、PelcoP、Panasonic』
  - ➢ PTZ Speed：Click ▼ icon to select camera speed from 01~16. Bigger value mean camera move fast.
  - ➢ PTZ ID：PTZ camera ID address. Please check ID address from camera.
- **Motion detect**：Click ☐ to enable or disable function.
  ☑ Mean motion detection enabled.

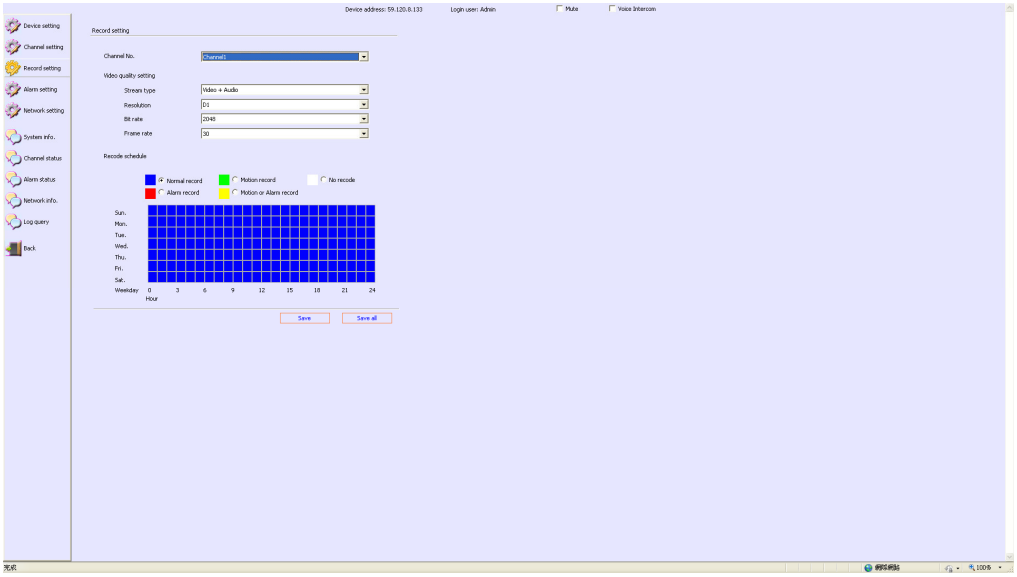


- **SENSITIVITY**：Click ▼ icon to selects from [Low, Middle, High, and Highest]
  Area set: Click『Set Up』to open sub window and configure motion area block by

block. Left Click to change state, blue color means enable motion detection. Transparent color mean disable.

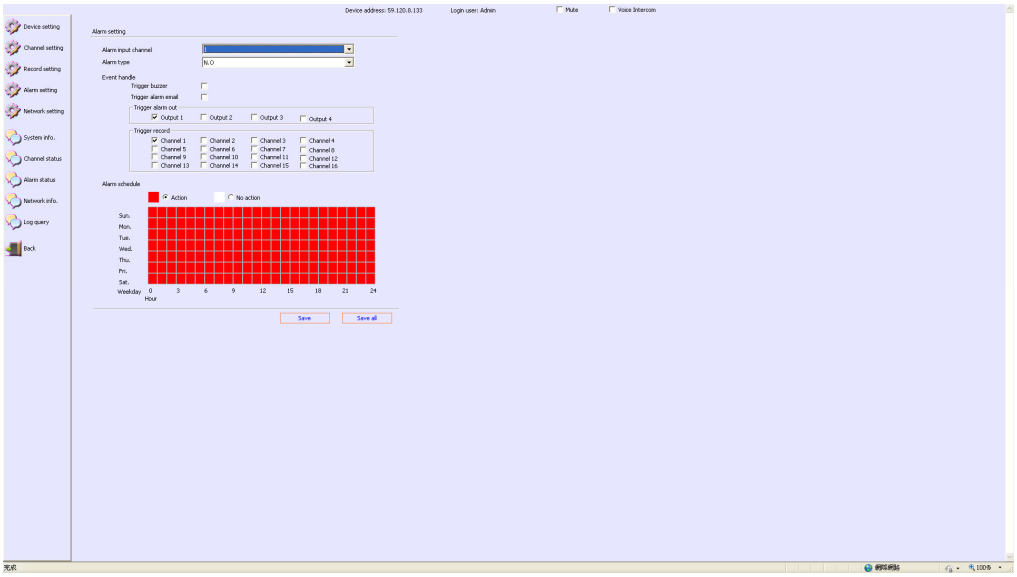
- **EVENT HANDLE**：
  - Trigger record channel: when curtain channel has motion triggered, DVR can record multiple channels.
  - Trigger alarm output: Enable or disable alarm output when motion triggered.
  - Sound alarm: Enable buzzer output when motion triggered.
  - Email notify: Enable or disable email sending when motion triggered

## 3.3 Record Setting




- **Channel No.**：
  Click ▼ icon to select channel number to apply setting.
- **Video Quality setup**：
  - Stream type: Click to select only video steaming or video + audio streaming
  - Resolution: Click to select CIF /Half D1 /D1.
  - Video bitrate: Click to select from 8 different bitrate → 256K /384K /512K /640K/768K /1M /1.5M /2M bps
  - Frame rate: Click to select from 6 different frame rate→ 1 /3 /6 /12/25 /30 FPS
- **Record schedule**：
  Each block represents 『1 Hour』 in a day. Click left mouse to change state in sequence of each block. Drag mouse on curtain block and copy state to other block. Each color's define were described in the window.

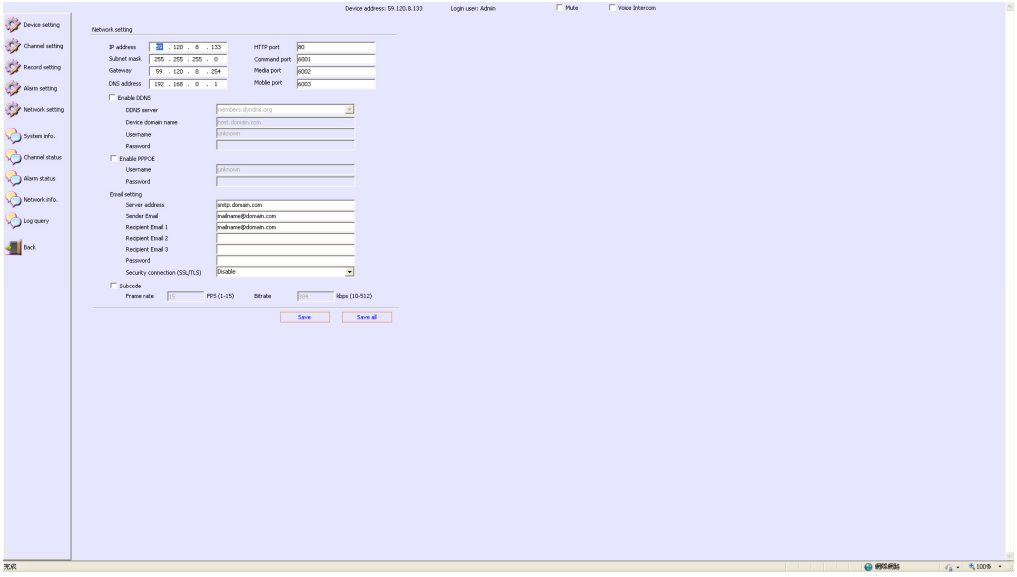
## 3.4 Alarm setting



- **Alarm Input**：
  Click ▼ icon to select channel number to apply setting.
- **Alarm type**：
  Device type (Normal Open or Normal Close)
  - ➢ Trigger record: Click ☐ to enable channel for recording.
  - ➢ Trigger Alarm: Click ☐ to enable alarm relay output.
  - ➢ Sound Alarm: Click ☐ to enable alarm buzzer.
  - ➢ Email Notify: Click ☐ to enable e-mail notification.

- **Alarm Schedule**：
  Each block represents 『1 Hour』 in a day. Click left mouse to change state of each block. Drag mouse on curtain block can copy state to other block. Red color mean enable alarm input and white color mean disable.

## 3.5 Network Setting



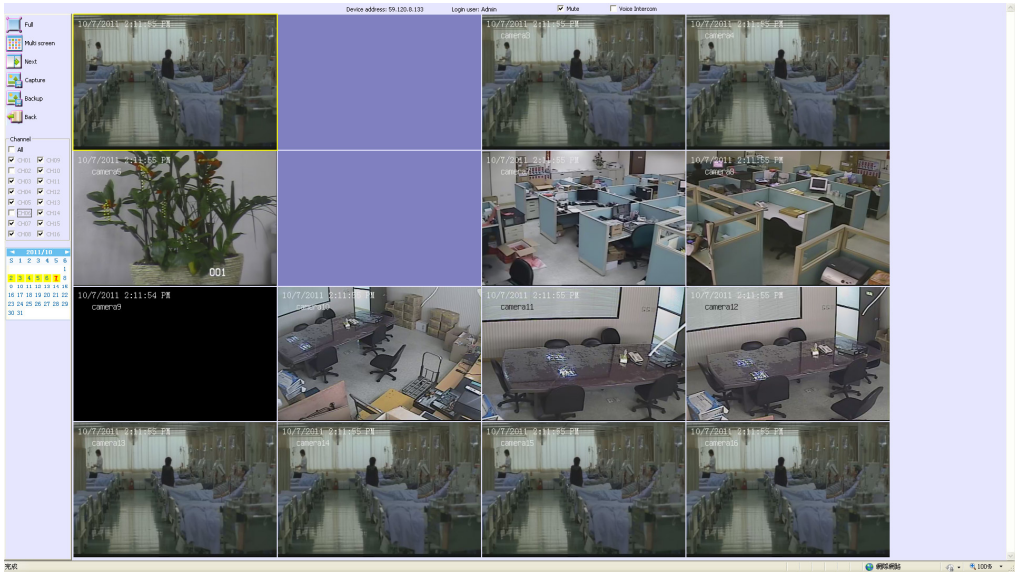
- **IP Address**：Current IP address information
- **Port Number**：Current HTTP/Command/Media/Mobile port number of network control and data transmission, you may change them
- **DDNS URL**：Click ☐ to enable DDNS function.
  - Domain name:
  - Device name:
  - Username:
  - Password
- **PPPoE**：Click ☐ to enable PPPoE function.
  - Username :
  - Password:
- **SSL/TLS**：Support SSL encryption for e-mail sending.
- **Sub**：Enable Sub Stream function for all the channels, the purpose is to run mobile view smoothly and set up Frame rate and Bitrate, they will not impact recording Bit Rate, Frame Rate and Resolution of DVR
- **Email set**：Configure E-mail server address, Sender's e-mail address, Receipt's e-mail address x 3 and password of e-mail server

# 4. Playback Function

：Click Playback icon to open IE playback window.

## 4.1 Playback Window

You may see QUAD/9 SPLIT or 16SPLIT play window according to 4CH/8CH/16CH DVR when get in



## 4.2 Playback Function

**1. Full：**

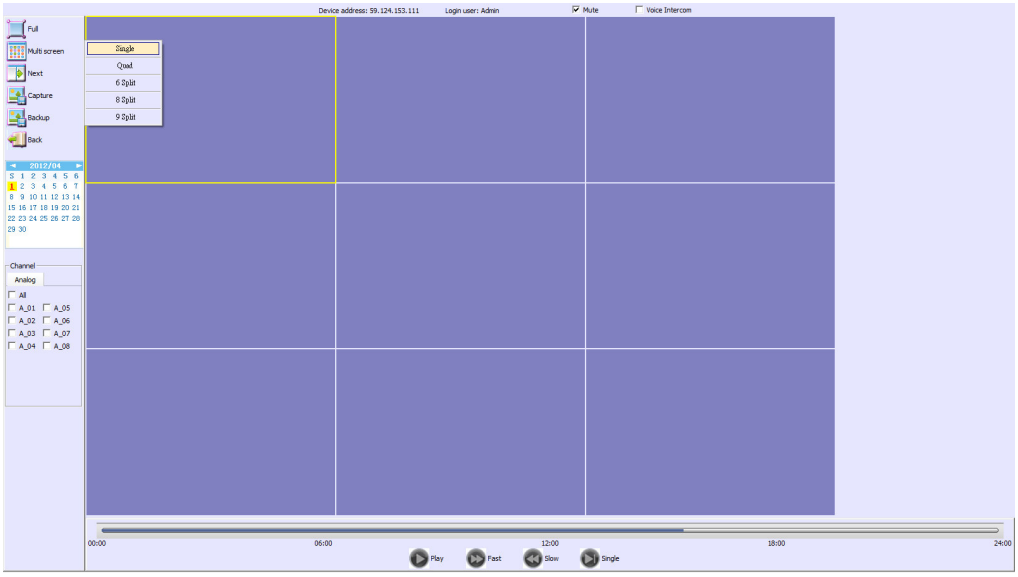
Click this icon to put IE browser window to full screen and click again back to normal screen

**Note：**

When switch to full screen mode, the Toolbar will automatic re-arrange position upon monitor display ration 4:3 or 16:9

**2. Multi Screen：**

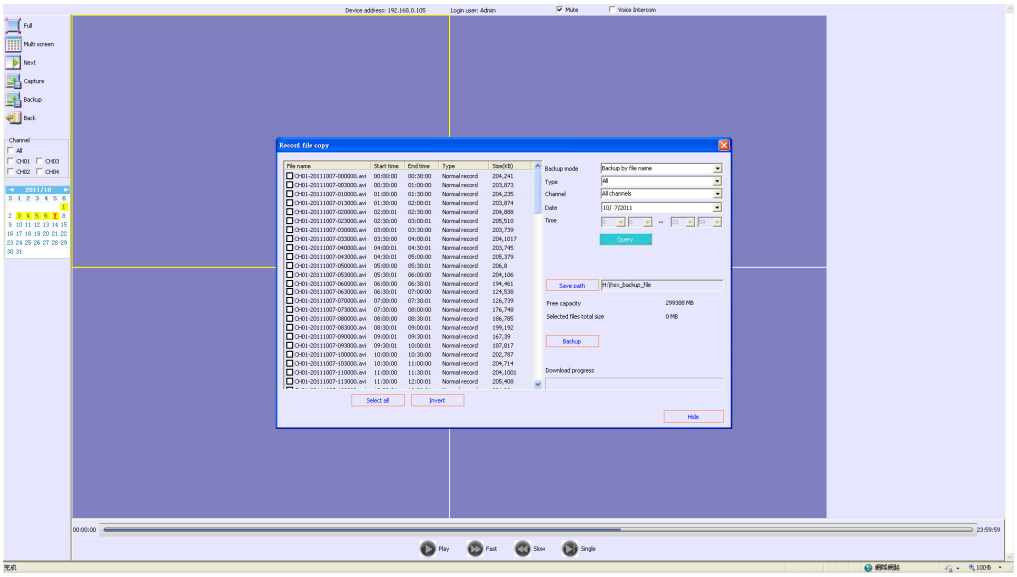
Click follow icon can switch to different multi window mode.




**3. Next**：Click the icon to switch the channel

**4. Capture**：Click the icon to enter the camera

**5. Backup**：Click the icon to enter the backup function



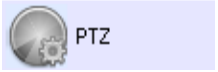
- **Backup mode**：Click ▼ icon to select『Bcakup by file name』、『Backup by time』
- **Type**：Click ▼ icon to select『all』、『Normal record』、『Alarm record』、『Motion record』
- **Channel**：Click ▼ icon to select to record channel
- **Time**：Click ▼ icon to select to time zone

Select the backup mode for『Backup by time』

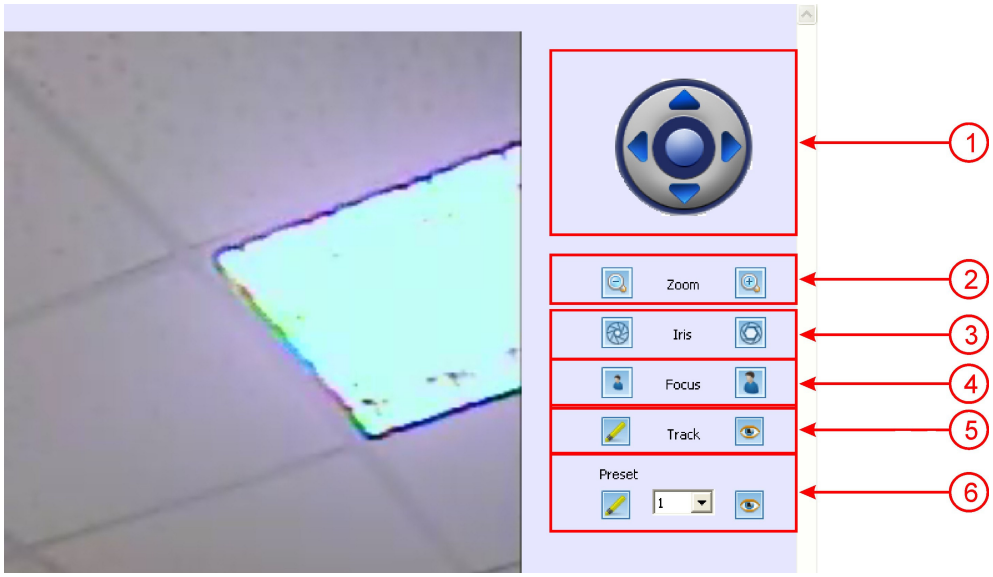
- **Query**：Start Search
- **Save path**：Click the icon after open a new window, select the save file path.
- **Backup**：Click the icon backup
- **Hide**：Exit

7. **Back**：Click the icon to return live monitor
8. **Channel**：Choose the playback channel
9. **Time**：Choose the date
10. **Time Bar**：Click to time bar to start playback, the grey area on the time bar indicate recording intervals for playback
11. **Play icon**：While in playback, you can operate Pause/Play, Fast/Slow(x4, x2, x1, 1/2, x1/4, x1/8, x1/16) and Single(frame) functions

# 5. PTZ Function




：Click the icon to open PTZ control panel.




1. Control PTZ camera moving direction, Configure PTZ camera moving speed. ( Increase green box to speed up)
2. Control PTZ camera Zoom In and Zoom Out
3. Adjust PTZ camera Iris
4. Adjust PTZ camera Focus (Video Clarity)
5. Track：

   : Configure 1~128 number of Preset point. Click save and

   : to call.

6. Preset：

   :

   : Click open Track setting window. Click to call.

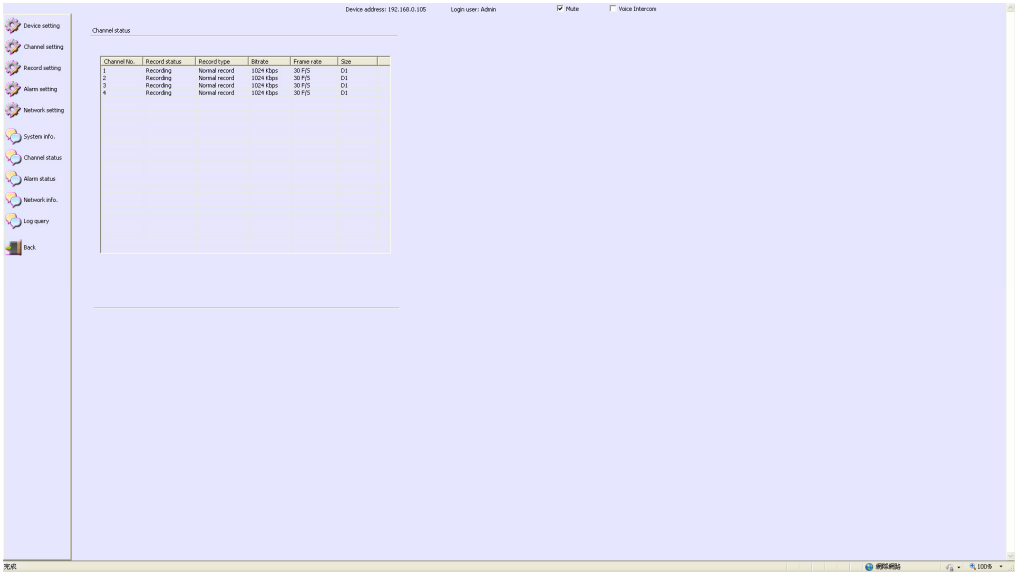
# 6. Information

Click『Device』 to open Device information window.

## 6.1 System Info

- Channel count
- Alarm In count
- Alarm Out count
- HDD count
- Software Ver.
- Hardware Ver.
- HDD：
  - HDD total: HDD total space.
  - HDD remaining space: HDD remain free space.
  - Status: Current HDD action
  - Can record time: Estimate record hours of free space.

## 6.2 Channel Status




- Channel No.：1~4 or 1~8 or 1~16

- Record status：Current channel recording status.
- Record Type：Normal, Schedule, Motion or Alarm record.
- Bitrate：Current rec**o**rd bitrate.
- Frame rate：Current record frame rate
- Size：Current record resolution. D1 / Half D1 / CIF

## 6.3 Alarm Status：

- Channel No.：1~4 or 1~16.
- Device type：Alarm device type, Normal Open or Normal Close.
- Alarm Status：Alarm device in trigger model or not.

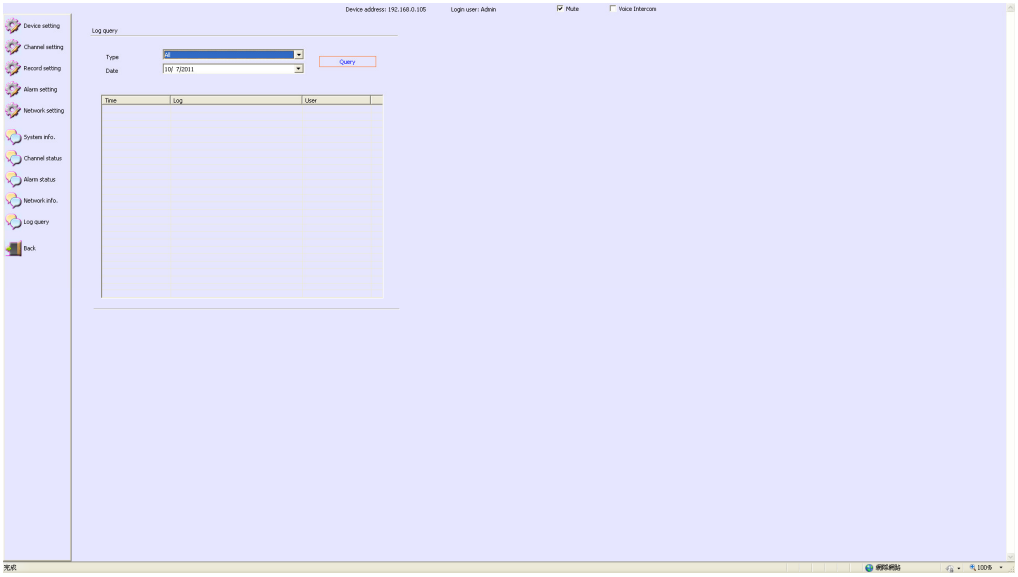
## 6.4 Network Info：

- **Basic network info.**：
  Current IP address , MAC address and gateway IP address.

- **Dial up**：
  If DVR use PPPoE Dial up connection then it will show “Action” and display current IP address that assigned by network service provider.
- **DDNS**：
  If DVR enable DDNS client then if will display “Action” and display current domain name.

### 6.5 Log query：

Query remote DVR event by type(All/Operation/Abnormal/Event) and target date.



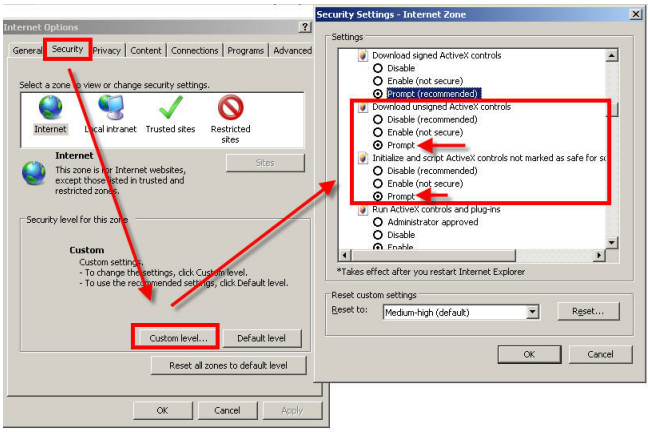

## 7. Back

：Click the icon after to live window

# 8. Active Control

## 8.1 Enable Download Un-signed Active Control if Necessary

User's computer need download ActiveX components for web access at the first time connect to DVR. If user's Internet explorer prohibits the download action(the DVR software is unsigned) then please manually enable the download of un-signed ActiveX in IE.




Download unsigned ActiveX controls→ Enable or Prompt Initialized and script ActiveX controls not marked as safe → Enable or Prompt

## 8.2 Turn off UAC for Windows 7 and Vista

To prevent unexpected troubles by ruing IE or CMS, we strongly suggest to disable UAC(User Account Control) for Windows 7 and Vista. To perform the following procedure, you must be able to log on with or provide the credentials of a member of the local **Administrators** group.

> **Important**
>
> Turning off UAC reduces the security of your computer and may expose you to increased risk from malicious software. We do not recommend leaving UAC disabled.

**To turn off UAC**

1. Click **Start**, and then click **Control Panel**.
2. In **Control Panel**, click **User Accounts**.
3. In the **User Accounts** window, click **User Accounts**.
4. In the **User Accounts** tasks window, click **Turn User Account Control on or off**.
5. If UAC is currently configured in Admin Approval Mode, the **User Account Control** message appears. Click **Continue**.
6. Clear the **Use User Account Control (UAC) to help protect your computer** check box, and then click **OK**.
7. Click **Restart Now** to apply the change right away, or click **Restart Later** and close the **User Accounts** tasks window.
   Source info: http://technet.microsoft.com/en-us/library/cc709691.aspx